

LEBIE, N.I.; LEACHIN, P.M.; ... V.V., ...; ...

VG-1 deep rotor for sand jet perforation. ...
Obor. no.11:17-16 '66.

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut
i gosudarstvennyy komitet nefteobychayayushchey promyshlennosti
pri Gosplane SSSR.

KLIGER, G.A.; BASHKIROV, A.N. LYUY GUAN-YUY [Li Kuang-yü]; LESIK, O.A.;
BEZINGER, N.N.; KAGAN, Yu.B.

Method of analyzing products of reaction between aliphatic
alcohols and alkyl amines. Neftekhimia 2 no.1:121-126 Ja-F
'62. (MIRA 15:5)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Alcohols) (Amines)

LESIKAR, M.; KLIMES, M.

International Conference on Wound Cardboard Articles and
Textile Cardboard Tubes in Germany. Papir a celuloza 18
no.1:21-22 Ja '63.

LESIN, A.D., inzh.

Vibrating mills for the building materials industry.

Stroi. i dor. mash. 9 no.6:26-29 Je '64. (MIRA 18:11)

LESIN, A.D., inzh.

M1000-1.0 vibration ball mill. Stroi. i dor. each. 9 no. 4:
29-30 S '64. (MIRA 17:11)

LESIN, A.D., inzh.; LOKSHINA, R.V., inzh.

Design of foreign vibration sills. Khim. i mekh. mashinostroyeniya.
no.3:38-44 S '64. (MIRA 1964)

LESIN, A.D., inzh.

Milling plant with the M1000-1,0 vibration mill.
Stroi. i dor.mash. 10 no.12:26-28 D '65.

(MIRA 19:1)

Lesin, A.D.

SOV/124-58-6-6310

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 6,
p 5 (USSR)

AUTHOR: Lesin, A.D.

TITLE: On the Stability of the Motion of Some Material Systems
Described by Second-order Differential Equations With Variable
Coefficients (Ob ustoychivosti dvizheniya nekotorykh material'-
nykh sistem, opisyvayemogo differentsial'nymi uravneniyami
vtorogo porjaska s peremennymi koeffitsiyentami)

PERIODICAL: Tr. Stud. nauchno-tekhn. s-va. MVTU im. Bauman, 1957,
Vol 3, pp 108-131

ABSTRACT: An investigation of the behavior of a linearized system
enables the author to make the well-known conclusions relative
to the first-approximation stability of a nonlinear system with
one degree of freedom according to Perron's criterion.

Ye. N. Berezkin

Card 1/1

1. Dynamics 2. Stability--Mathematical analysis

KHYLOV, K.A.; LESIN, A.S.

Milling machine for eliminating defective welds. Trudy MFI no. 17:238-
242 '56. (MIRA 9:10)

(Milling machines)

LESIN, A.S.

Laboratory wear testing of the Cord capron in an abrasive medium.
Trudy MINKHIGP no.29:106-114 '60. (MIRA 13:12)
(Nylon) (Mechanical wear)

S/123/62/000/003/001/018
A004/A101

AUTHOR: Lesin, A. S.

TITLE: Comparative abrasive wear tests of several steel grades operating in pairs with rubber

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 3, 1962, 21, abstract 3A119 ("Tr. Mosk. in-t neftekhim. i gaz. prom-sti", 1961, no. 34, 116-119)

TEXT: Abrasive wear tests of the following steel grades were carried out: 35 XFC (35KhGS), 40X (40Kh), 40XH (40KhN) cemented steel grade 20, 20X (20Kh), 20XH3A (20KhNZA), borated grade 20 steel. It was found that steel wear is a linear function of HV, their wear decreases with an increase in hardness of the working surfaces. Cr increases the resistance to wear of alloyed medium-carbon steel. The highest resistance to wear possesses grade 45 steel subjected to electrolytic borating. ✓

V. Kolesnik

[Abstracter's note: Complete translation]
Card 1/1

LEVIN, A.S.

Laboratory testing of the abrasive wear of a rubber and metal
thrust bearing. Trudy MINKHIGP no.34:96-110 '61.
(MIRA 14:12)

(Turbodrills--Testing)

LESIN, A.S.

Abrasive wear of rubber-bonded carbon steels. Trudy MINKHIGP
no.34:111-115 '61. (MIRA 14:12)
(Steel-Testing)

LESIN, A.S.

Comparative tests for abrasive wear of some rubber-bonded steels.
Trudy MINKH1GP no.34:116-119 '61. (MIRA 14:12)
(Steel--Testing)

KERSHENBAUM, Ya.M.: LESIN, A.S.

Certain problems involved in the wear of the parts of a turbodrill.
Trudy MINKHIGP 46:127-136 '64. (MIRA 17:6)

LESIN, G. I.

"The Treatment of Chronic Ailments of Gall Bladder and Bile Ducts,"
Voenno-Med. Zhur., No. 6, p. 75, 1955.

LESIN, K.

Glass cloth for heat insulation. Na stroi. Ros. no. 4:32 Ap '61.
(Glass fibers) (Insulating materials) (MIRA 14:6)

BELYI, V.D.; LMSIN, K.K.

Experimental study of dynamic forces in hoisting ropes on
industrial hoisting equipment. Trudy MkhII 9 no.2:305-
330 '59. (MIRA 12:8)
(Hoisting machinery--Testing) (Wire ropes)

BELYY, V.D.; VAYSHMAN, B.A.; LESSIN, K.K.

Investigating fatigue and corrosion-fatigue strength of mine
ropes. Trudy MakNII 9 no.2:330-348 '59. (MIRA 12:8)
(Wire ropes--Testing) (Steel--Fatigue)

LESIN, K.K.

Man-riding along inclined mine galleries. Trudy Mal'NII 9
no.2:366-398 '59. (MIRA 12:8)
(Mine railroads--Cars)

LESIN, K. K. Cand Tech Sci -- "Study and perfecting of parachut²~~ing~~ devices of
trolleys for the transportation of people ~~in~~ in sloping ^{1/10/1961} ~~mined~~." Makeyevka,
1961 (Min of Higher and Secondary Specialized Education UkrSSR. Kiev Order of
Lenin Polytechnic Inst). (KL, 4-61, 198)

203

LESIN, K.K.

~~Study of a centrifugal drive for the parachute of cars for trans-~~
porting men in inclined workings. Trudy MakNII 11.Vop.gor.elektromekh.
no.3:201-213 '60.

(MIRA 16:5)

(Mine hoisting--Electric driving)

BELYM, V.D.; LESIN, K.K.

Experimental study of stresses in parts of headgear sheaves. ~~Trudy~~
MekNII 11.Vop.gor.elektromekh.no.3:384-395 '60.

(MIRA 16:5)

(Pulleys)

(Strains and stresses)

LESIN, Konstantin Konstantinovich; SYSOYEVA, V.A., otv. red.;
ABARBARCHUK, F.I., red. izd-va; SUKHININA, N.D., tekhn. red.

[Safety problems connected with underground transportation in
coal mines] Voprosy bezopasnosti na podzemnom transporte ugol'-
nykh shakht. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po gor-
nomu delu, 1961. 39 p. (MIRA 15:3)

(Mine haulage—Safety measures)

LESIN, K.K.

Study of the braking process of cars equipped with cushioning devices and improvement of parachutes. Trudy MakNII 12: Vop. gor. elektromekh. no.4:138-175 '61. (MIRA 16:6)

(Mine hoisting---Brakes)

BELYY, V.D.; LESIN, K.K.

Transporting men on conveyors. Trudy MakNII 12: Vop. gor.
elektromekh. no.4:220-227 '61. (MIRA 16:6)

(Conveying machinery)

LEBIN, M.
25647

Pash Eor'by Za Kachestov Spichek. (Na
Latviyskikh Fabrikakh) Les. Prom - St',
1948, No. 6, S.18-20

SO: LETOPI3 NO. 30, 1948

LESIN, N.A. and A.I. KATSELIKHIN

O povyshenii kvalifikatsii rabochika v potocnom proizvodstve. (Lesin. 1993, 1993, no. 9, p. 62-65)

Improvement of the qualification of workers in assembly-line production.

SIC: TML. VI.

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1993.

LESIN, S., slesar'.

A year has passed. Sov.profsoliuzy 4 no.10:68-70 0 '56. (MLRA 9:11)

1. Profgrupporg sborochnogo tsekha Mytishchinskogo mashinostroitel'-
nogo zavoda.

(Machinery industry) (Trade unions)

9.3280

S/105/62/000/012/003/003
E032/E514

AUTHORS: Burnashev, A.A., Engineer and Lesina, I.N., Engineer
(Ramenskoye)

TITLE: Low-frequency square-wave generators

PERIODICAL: Elektrichestvo, no.12, 1962, 74-76

TEXT: The authors report a study of the square-wave generators shown in Fig.1. These generators were designed for the regulation of the frequency and amplitude of input pulses in remote control and automatic devices. In both circuit 1 and circuit 2 either a transformer or an autotransformer coupling to the load may be employed. It is shown that any of the circuit arrangements shown in Fig.1 can be used to produce: 1) a linear variation of output frequency with supply voltage and 2) a fixed square-wave repetition frequency which is independent of changes in the supply voltage within given limits. Square-wave generators based on these circuits can produce square pulses of up to several kilowatt per pulse at a repetition frequency up to 10 kc/sec. It may be necessary to cool the pulse transformer (for example oil cooling may be necessary) and the high-power triodes.

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Low-frequency square-wave generators S/105/62/000/012/003/003
E032/E514

The form of the generated voltage and current pulses depends on the type of supply, the method of coupling to the load and the nature of the load itself. There are 4 figures.

SUBMITTED: June 18, 1962

Circuit 1

Circuit 2

Fig.1

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BURKASHEV, A.A., inzh. (g. Ramenskoye); LESINA, I.N., inzh. (g. Ramenskoye)

Low-frequency square wave generators. Elektrichestvo no.12:74-76
D '62. (MIRA 15:12)
(Pulse techniques (Electronics)) (Pulse circuits)
(Oscillators, Transistor)

5.3832

70072
SOV/80-32-10-21/51

AUTHORS: Berlin, A. A., Lesina, K. P.

TITLE: Concerning the ^{air}Moisture Transmission Through Some Organic Polymer Films

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol 32, Nr 10, pp 2252-2257 (USSR)

ABSTRACT: This is Communication #13 of the series of investigations in the field of polymer chemistry and technology. The study deals with the determination of the permeability of various plastic films to atmospheric humidity. The lowest permeability was shown by copolymers of vinyl chloride with vinylidene chloride (SVKh-40), 0.1 to 0.3 mg/cm²·24 hrs for films of 60-100 μ gage, as compared with the high permeability of polyvinyl chloride film (0.7 to 1 mg/cm²·24 hrs for films of 70-80 μ gage). Investigation of films with relatively high permeability, such as those based on polymethylmethacrylate (PMM) and perchlorovinyl, showed a sharp decrease of permeability with increasing

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Concerning the Moisture Transmission
Through Some Organic Polymer Films

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SOV/61-32-10-21/51

film thickness. The nature of the plasticizer, and particularly the degree of solubility of vapor particles in the plasticizer, affected considerably the permeability of the film. Tributyl phosphate, butyl stearate, and dibutyl phthalate increased the permeability, whereas dioctyl phthalate, chlorinated paraffin, and ethyl acetate gave Cl-containing vinyl polymers and copolymers with higher elasticity and lower permeability than that of films without plasticizer; the lowest permeability was obtained with dioctyl phthalate. SVK-40 film darkened quickly under light and heat and decomposed at 150° as HCl was detached from the chain. The photo- and thermostability was increased considerably by addition of some epoxy-type stabilizers, particularly that of tolylene diisocyanate-diglycidol polyurethane. There are 7 tables; 1 figure; and 6 references, 1 U.S., 5 Soviet. The U.S. reference is: Strohmit, E., Mod. Plast., 19, 2 (1945).

SUBMITTED:
Card 2/2

October 16, 1958

LESIN'SH, K. P.

LESIN'SH, K. P.: "A study of the helminthofauna and the seasonal dynamics of the principal helminthoses of agricultural animals in the southeastern portions of the Estonian SSR". Moscow, 1955. Min Agriculture USSR. All-Union Inst of Helminthology imeni Academician K. I. Skryabin. Inst of Animal Husbandry and Veterinary Science, Acad Sci Estonian SSR. (Dissertation for the Degree of Candidate of Science of Veterinary Sciences)

SO: Knizhnaya Letopis', No. 41, 8 Oct 55

LESSIN'SH, K.P., kand.veterinarnykh nauk

Helminths of farm animals in the southeastern districts of
the Estonian S.S.R. Trudy VIGIS 7:106-110 '59.

(MIRA 13:11)

(Estonia--Veterinary medicine)

(Ascarids and ascariasis)

LESIN'SH, K.P. [Lesins, K.], kand.veter.nauk, otv.red.; VAYVARINA, G.F. [Vairarina, G.], kand.veter.nauk, red.; LAZDYNYA, M.A. [Lazdina, M.], red.; TSINOVSKIY, Ya.P., doktor biolog.nauk, red.; TEXTEL'BAUM, A., red.; PILADZE, Ye., tekhn.red.

[Problems in parasitology in the Baltic republics; materials] Voprosy parazitologii v pribaltiiskikh respublikakh; materialy. Riga, Izd-vo Akad.nauk Latviskoi SSR, 1961. 292 p. (MIRA 15:5)

1. Nauchno-koordinatsionnaya konferentsiya po problemam parazitologii v Pribaltike. 2d, Riga, 1960. 2. Institut biologii AN Latv.SSR (for Lesin'sh). 3. Latviyskaya sel'skokhozyaystvennaya akademiya (for Vayvarina). 4. Sanitarno-epidemiologicheskaya stantsiya Ministerstva zdravookhraneniya Latviyskoy SSR (for Lazdynya).

(BALTIC STATES--PARASITOLOGY)

LESIN'SH, K. [Lesina, K.]; MURNIYETSE, R. [Murniece, R.]

Development of echinostomes in the organism of the duck. Izv.AN
Latv.SSR no.1:38-40 '64. (MIRA 17:4)

1. Institut biologii AN LatvSSR.

LESIN'SH, K. [Lesina, K.]

Seasonal dynamics of echinostomiasis of ducks in the Latvian S.S.R.
Izv. AN Latv. SSR no. 2: 60-63 '64. (MIRA 17:4)

1. Institut biologii AN Latvyskoy SSR.

SEIDLER, Maksymilian; KOWALSKI, Edward; WEGSCHEIDER, Janusz; MALSKI, Michal;
BIENIASZ, Andrzej; SIERANT, Elzbieta; LESINSKA, Barbara

Painless labor. Polski tygod. lek. 14 no.29:1329-1337 20 July 59.

1. (Z II Kliniki Poloznictwa i Chorob Kobiecth A. M. w Krakowie;
kierownik: prof. dr Maksymilian Seidler).
(LABOR)

MACHER, Zofia; LESINSKA, Irwina

Additional hair on the skin of plants as a diagnostic characteristic of medicinal plants of the family Boraginaceae. Acta pol. pharm. 19 no.6:545-547 '62.

(PLANTS, MEDICINAL)

(PHARMACOGNOSY)

LESINSKA, Janina; SZUCHNIK, Andrzej

Microsynthesis of acetic anhydride-1,1'-¹⁴C. *Rocz chemii* 34 no.5:
1475-1478 '60. (KEAI 10:9)

1. Department of Isotope Production and Labeled Compounds, Institute
of Nuclear Research, Polish Academy of Science, Warszawa.

(Acetic anhydride) (Carbon) (Radioisotopes)

KOZAKIEWICZ, Hanna; LESINSKA, Janina

A case of visceral lupus erythematosus with non-specific Widal's reaction. Pol. tyg. lek. 17 no.46:1794-1796 12 N '62.

1. Z Kliniki Chorob Zakaznych AM w Gdansk; kierownik: prof. dr med.
W. Bincer i z II Kliniki Chorob Wewnetrznych: AM w Gdansk; kierownik:
prof. dr med. J. Penson.

(LUPUS ERYTHMATOSUS SYSTEMIC)

LESINSKA-MANIKOWSKA, Wanda

Studies on a simplified modification of the treponemal immunofluorescence reaction. Przegl. dermat. 50 no.2:195-196
Mr-Je'63.

1. Z Kliniki Dermatologicznej AM w Białymstoku; kierownik:
prof.dr. J.Lesinski.

*

9(3)

POI/46-4-3-5/16

AUTHOR: Lesinski, Jan

TITLE: Halogen-Quenched G-M Counters

PERIODICAL: Nukleonika, 1959, Vol 4, Nr 5, pp 285-303 (Poland)

ABSTRACT: The author gives an introductory review about the development and a detailed description of the mechanism, the construction and the theoretical basis of halogen-quenched counters. Except for a few references to literature of the eastern hemisphere, dealt with in the following, there are only references to literature of the western hemisphere. The author deals in details with the problems of spreading of the discharge along the whole anode and influence of metastable states of main gas on amplitude. Fig 1 shows the energy of metastable states and ionization energy of gases in G-M counters. By equation 1 the voltage in the counter can be determined. The quality of the counter depends on the period of the activated state of the atom of the main gas. Experiments have been made with addition of bromate (0.2 torr) which reduces the period of the metastable

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Halogen-Quenched G-M Counters

POL/46-4-3-5/16

state. Better results can be obtained by adding other noble gases according to Ref 36, see equation 5. The ionization energy of the metastable state of the main gas e.g. main gas Ne and addition of Ar. Known mixtures are: Ne, Ar, Cl, and Ne, Ar, Br. According to Ref 49 the building-up time of voltage pulse is assumed as follows: a) time for transition of the electron into the building-up of voltage (10^{-6} to 10^{-7} sec); b) formation of Townsend-lavine (10^{-10} sec); c) spreading of the discharge on the whole length of the anode (some micro-sec), depending on length and voltage of the anode; d) time for re-reaction from metastable state into basic state, when chlorine is present, especially delayed; e) time necessary to remove the electrons from the anode (Ref 41 assumes that the delay of the impulses of chlorine atoms is caused by self-capture of electrons). There are 9 graphs, 2 diagrams and 52 references, 4 of which are Soviet, 1 Polish, 1 German, 1 French and 45 English.

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Halogen-Quenched G-M Counters

ASSOCIATION: Instytut badan jadowych PAN, Warszawa, zaklad elektroniki (Department of Nuclear Research PAN, Warszawa, Institute of Electronics)

SUBMITTED: December 15, 1958

✓

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9,4/20

1569

P/019/61/010/001/005/006

D249/D305

AUTHOR: Lesiński, J.

TITLE: The mechanism of discharge in corona stabilizers

PERIODICAL: Archiwum elektrotechniki, v. 10, no. 1, 1961. 269-280

TEXT: The article reviews discharge mechanism in coaxial cylindrical geometry, with special emphasis on corona stabilizers. It is intended as a companion paper to one to be issued on the properties of corona stabilizers. After a brief discussion on the general properties of stabilizers, the author considers the ionization processes that take place during the various stages of the discharge development, by referring to Fig. 1, representing a typical voltage current characteristic for a cylindrical discharge. In this figure AC is the region of ionization chambers, CD is the region of proportional counters, EF and GH are the regions of corona and glow discharge stabilizers, E is the point of corona onset, and I the point of sparkover. The meaning of the gas amplification factor

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The mechanism of discharge in ...

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D249/D305

$$A = \frac{n}{n_0} = \exp \int_{r_a}^{r_0} \alpha dr \quad (1)$$

for the proportionality region CD is then explained. Next, a detailed discussion is presented on the mechanism of the stable and unstable self-sustained corona discharge in the region EF which can be summarized as follows: The condition for maintaining self-sustained discharge is the creation of electrons at the boundary of the corona discharge zone as the result of the following secondary processes: 1) Gas ionization by photons released in the discharge, depending on the coefficient of the photon absorption μ ; 2) Cathode emission due to photon bombardment, depending on the emissivity coefficient γ_r ; 3) Cathode emission due to neutralization of positive ions at the cathode, depending on the coefficient γ_j ; 4) Gas ionization due to collisions with metastable atoms, and 5) Cathode emission due to metastable atoms infringing on the cathode. The last two processes are usually characterized by the common coefficient

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P/019/61/010/001/005/006
D249/D05

The mechanism of discharge in .

cient $\gamma_m = \gamma_j(1 - k_1)$, where k_1 is a factor describing the contribution of the metastable atoms to the total emission from the cathode. Similarly, for the gas ionization, the effect of metastable atoms is taken into account by writing $\alpha' = \alpha(1 + k_2)$, where α is the first Townsend coefficient, and k_2 has a similar sense as k_1 . While the values for the coefficients γ do not exhibit great variation, the coefficient μ can change by as much as a few orders of ten. If $\mu < 1 \text{ cm}^{-1}$, the two conditions for the self-sustained discharge are

$$\gamma_j : A > 1 \quad (6)$$

$$\eta/\alpha : Q + g \cdot \exp \left(\int_{r_a}^{r_0} (\alpha - \mu) dr \right) > 1 \quad (7)$$

η/α : number of photons per electron in the avalanche. Q : probability of cathode emission due to photon bombardment. g : fraction

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D249/D305

The mechanism of discharge in ...

of photons reaching the cathode without destruction. If μ is of the order of 10^{-1} cm, gas ionization by photons becomes the predominant mode in the discharge. The photons can start an avalanche if the condition

$$\beta \cdot f \cdot \exp \left[\int_{r_a}^{r_0} \alpha dr \right] > 1 \quad (8)$$

is fulfilled. β - probability of a photon-produced electron outside the avalanche, f - number of ionizing photons per one electron within the avalanche. The burst-pulse corona occurs if the value of the exponential integral

$$f \exp \left[\int_{r_a}^{r_0} \alpha dr \right]$$

decreases due to the positive ion space charge formation near the anode. The discharge can then be maintained if either the condi-

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The mechanism of discharge in ...

tion γ_j , $A > 1$ is fulfilled or if an external ionizing agent is used. If $\mu > 100^{-1}$ cm, strong photon absorption occurs, and the discharge appearance becomes filamentary. The table gives the main factors responsible for the creation of electrons to maintain the discharge, as reported by various investigators. Fig. 3 shows the voltage current characteristic for a curve stabilizer. The author cites a number of investigators, who attempted to derive this characteristic theoretically, and gives sample expressions. Among those mentioned there are 3 Soviet- authors: N.A. Koptsov (Ref. 6: 'Elektricheskiye yavleniya v gaze i vakuume' (Electrical Phenomena in Gas and Vacuum), Moscow, Leningrad), V.I. Popkov (Ref. 13: Elektrichestvo, no. 1, 33, 1949), V.I. Sirotinskiy (Ref. 15: Hochspannungstechnik, v. I, part I., Berling 1955) [Abstractor's note: The latter book is a German translation of Tekhnika vysokikh napyazheniy, Moscow, Leningrad, 1951] In Fig. 3 I_{min} and I_n are the currents corresponding to U_z and U_{zn} , the initial and normal corona onset voltages, and U_g is the threshold voltage for the Geiger-Muller zone. The region BC is that of unstable self-sustained

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The mechanism of discharge in ...

corona discharge. Its main characteristics are the absence of gas flow near the anode and the generation of current pulses having a rate of repetition of the order of 10^3 p/s. The normal stable discharge starts at the point C. The author states that the reasons for the occurrence of the unstable discharge are not fully known, but possible causes may be the variation in time of the coefficient γ and charge collection on the glass walls of the tube. Practical methods of preventing the charge collection are metallization of the glass walls and the use of gases with low ion mobility. There are 3 figures, 1 table and 18 references: 3 Soviet-bloc and 15 non-Soviet-bloc. The references to the 4 most recent English-language publications read as follows: A.J.L. Collinson, D.W. Hill, J. Sci. Instr. v. 32, no. 13, 1955; K. Huber, Phys. Rev., v. 97, 267, 1955; L.B. Loeb, Basic processes of gaseous electronics, Los Angeles, 1955, a book; L. Colli, U.F. Facchini, Phys. Ref., v. 88, 987, 1952.

ASSOCIATION: Zakład elektroniki ogólnej IBJ, Warszawa (Department of General Electronics, IBJ, Warsaw)

SUBMITTED: March 25, 1960

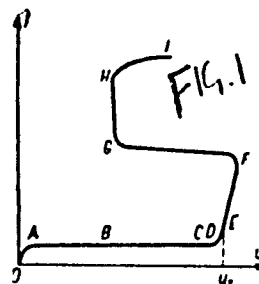
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The mechanism of discharge in ...

Fig. 1. Voltage current characteristic for a coaxial cylindrical geometry discharge.

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D249/D305



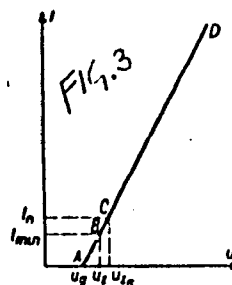
Rys. 1. Charakterystyka prądowo-napięciowa wyładowania elektrycznego w gazie pomiędzy współosiowymi cylindrycznymi elektrodami.

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The mechanism of discharge in ...

Fig. 3. Voltage-current characteristic for corona stabilizer AB - unstable corona discharge, BD - self-sustained corona discharge, BC - unstable self-sustained corona discharge.

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D249/D305



Rys. 3. Charakterystyka prądowo - napięciowa stabilizatora koronowego. AB — niestabilne wyladowanie ulotowe, BD — samoistne wyladowanie ulotowe, BC — niestabilne samoistne wyladowanie ulotowe.

Card 8/8

LESINSKI, Jan; FRYDRYCHOWICZ, Jerzy

Geometry of electrodes of the halogen current counter and its electrical properties. Przegl elektroniki 3 no.3:146-149 Mr '62

1. Instytut Badan Jazdowych, Warszawa i Wojskowa Akademia Techniczna, Warszawa.

LESINSKI, Jan

The integrating G-M counter of the WXL-60 type. Przegl. elektroniki
3 no. 5:288-291. My '62

1. Instytut Badan Jadrowych, Warszawa.

LESINSKI, Jan

Studies on the selection of the optimum operation place for
current G-M counters. Przegl elektroniki 3 no.7:398-401
Jl '62.

1. Instytut Badan Jadrowych, Warszawa.

KOWALSKA, Ewa; JANKOWSKI, Maciej; LESINSKI, Jan

Temperature and voltage rating of the DOB-60 current counter.
Przeegl elektroniki 3 no.9:533-535 S '62.

1. Przemyslowy Instytut Elektroniki, Warszawa.

L 10772-63

EWI(m)/BDS--AFFTC/ASD

ACCESSION NR: AP3003190

P/0053/63/000/05-/0290/0292

AUTHOR: Lesinski, Jan; Kowalska, Ewa; Janowski, Maciej

TITLE: Design and technology of type DCB-60 and DCB-40 halogen counters

SOURCE: Przegląd elektroniki, no. 5-6, 1963, 290-292

TOPIC TAMS: halogen counters, Gamma rays, radiation, neon, bromine

ABSTRACT: Descriptions are given of the DCB-60 and DCB-40 halogen counters for measuring Gamma-ray intensity in the 0.5-40 and 2-200 hr ranges, developed at the Przemalowy Instytut Elektroniki (Industrial Institute of Electronics [Poland]). The concentric position of the anode inside the cathode cylinder is an essential feature of the counter design, since anode centering has a considerable effect on the maximum current of the counter. This problem was solved by using stentite insulators to hold the anode in place. The cathode of the counter was made of CrFe covered with Cr₂O₃. The counters are filled with a mixture of neon and bromine. The DCB-60 counter operates in the -20 to +55°C temperature range and the DCB-40, in the -40 to +50°C range. Orig. art. has: 2 figures and 1 table.

Industrial Inst. of Electronics

Card 1/4,

LESINSKI, Jan; JANKOWSKI, Maciej

A liquid-flow halogen Geiger-Müller counter with helix anode and thin-walled tube in active volume. Przegl elektroniki 4 no.12:716-718 D 1983.

1. Przemysłowy Instytut Elektroniki, Warszawa.

LESINSKI, J.

The discharge mechanism of current counters. Archiw elektrotech 12
no.2:343-356 '63.

1. Zakład Jądrowej Elektroniki Przemysłowej, Instytut Badan Jądrowych,
Warszawa.

LESINSKI, J.; KOWALSKA, E.; JANKOWSKI, M.

Basic parameters and characteristics of DOB-40 and DOB-60
current meters. Archiw elektrotech 12 no.3:609-620 '63

1. Przemyslowy Instytut Elektroniki, Instytut Badan Jadro-
wych, Warszawa.

LESINSKI, J.

Effect of temperature on the background of halogen-planned
G-M motors. Bul Ac Pol tech 12 no. 7:620-622 1962.

1. Department of Nuclear Industrial Electronics of the
Polish Academy of Sciences, Warsaw. Presented by J.
Groszkowski.

L 61739-45 EWT(m)/T IJP(c)

ACCESSION NR: AP5018390

PO/0019/65/014/002/0403/0418

AUTHOR: Lesinski, J.

TITLE: The origin of self-excitation pulses in G-M counters 19

SOURCE: Archiwum elektrotechniki, v. 14, no. 2, 1965, 403-418

TOPIC TAGS: Geiger counter, self-excitation pulse, exoemission, counter operation, excitation curve

ABSTRACT: Following a review of past work on self-excitation pulses in G-M counters, exoemission of electrons from the cathode is discussed from the standpoint of the operation stability of G-M counters. It is noted that the importance of the exoemission from the cathode lies in the fact that it can give rise to the appearance of false pulses at almost any time after controlled operation of a G-M counter, whereas the exoemission from the anode can cause the appearance of a false pulse only within a short time interval. Three types of excitation curves, taken immediately after an intense operation of the counters, are shown. The counters had a cathode in the form of a SnO₂ layer on glass. The first type shows the decay of the free-running counting rate following an intense operation of the counter. The second type applies to a counter when its free-running counting rate is

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L 61739.65

ACCESSION NR: AP5018390

2

saturated by the application of a voltage which sufficiently exceeds the threshold value. The third type applies to a counter when the run-up effect is present. The curves are discussed and interpreted analytically in terms of the density of trapping centers and cathodic exoemission. Bright-dark and glow curves are also discussed and interpreted qualitatively. Chemical emission and the Melter effect are discussed and their effect on the mechanism of the formation of self-excitation pulses is considered. "The author thanks Prof. B. Paszkowski for his valuable comments and the discussion of the material of this investigation, and R. Seidl for making it possible to investigate exoemission from the cathode of counters (in the Instytut Fizyki Ciała Stałego (Institute of Solid-State Physics), Prague, Czechoslovakia) and for discussions on this subject. Orig. art. has: 7 figures and 22 formulas.

ASSOCIATION: Zakład Jadrowej Elektroniki Przemysłowej, Instytut Badan Jadrowych (Department of Industrial Nuclear Electronics, Institute of Nuclear Research)

SUBMITTED: 08Apr64

ENCL: 00

SUB CODE: NP

NO REF SOV: 000

OTHER: 025

Card 2/2/10

L 4298-66 EWT(m)/FCC/T IJP(c)

ACC NR: AP5028632

SOURCE CODE: PO/0046/65/010/003/0135/0144

AUTHOR: Lesinski, Jan -- Lesinski, Ya. 38
B

ORG: Department of Nuclear Electronics Industry, Institute for Nuclear Research,
Warsaw (Zaklad Jadrowej Elektroniki Przemyslowej, Instytut Badan Jadrowych)

TITLE: Background stability of halogen-quenched G-M counters 19

SOURCE: Nukleonika, v.10, no. 3, 1965, 135-144

TOPIC TAGS: radiation counter, electron emission, elemental halogen

ABSTRACT: The background stability of halogen-quenched G-M counters with cathodes in the form of SnO_2 film on glass was investigated. It was proved that the background instability occurring at the working temperature above 75°C is caused by the exo-electron emission from the cathode. The author thanks Candidate of Technical Science R. Seidl for making it possible to carry out the measurements at the Institute of Solid State Physics in Prague and for discussion on the subject of exoemission. The author thanks Prof. B. Paszkowski for discussion of the material content in the current work, and also Dr. B. Sujak for valuable comments. Orig. art. has: 9 figures, 4 formulas. NAV

SUB CODE: NP / SUBM DATE: none / ORIG REF: 006 / OTH REF: 006

Card 1/1 DP

LESINSKI, J.

Puncture of the abdominal cavity through the posterior vaginal arch in extrauterine pregnancy. Polski tygod. lek 5 no.15:573-578 11 Apr 1950.
(CIWL 20:1)

1.Of the Clinic of Obstetrics and Gynecological Diseases of the Medical Academy in Szczecin (Director--Prof. J. Zubrzycki, M. D.)

LESINSKI, J.

Preparation for painless childbirth, psychoprophylactic method.
Polski tygod. lek. 7 no. 37:1145-1147 15 Sept 1952. (CIWL 23:5)

1. Of the Obstetric-Gynecological Clinic (Director--Prof. January
Zubrzycki, M. D.) of Szczecin Maritime Medical Academy.

LESINSKI, J.

Further development of psychoprophylactic method in painless labor.
Polski tygod. lek. 8 no.5:177-179 2 Feb 1953. (CML 24:5)

1. Of the Obstetric-Gynecological Clinic (Head—Prof. J. Zubrzycki,
M.D.) of Szczecin Medical Academy.

LESINSKI, Jan

Early diagnosis of threatened fetal asphyxia by amniotic puncture.
Polski tygod. lek. 9 no.51-52:1627-1628 27 Dec 54.

1. Z Kliniki Położnictwa i Chorob Kobietych Instytutu Matki i
Dziecka; kierownik: doc. dr med. Jan Lesinski.

(FETUS, diseases,
anoxia, diag., amniotic puncture)
(ANOXIA,
fetal, diag., amniotic puncture)
(PUNCTURES,
amniotic, diag. of fetal anoxia)

LESINSKI, Jan; CHOJECKA, Barnara; TELKO, Miroslaw

Artificial hibernation in gynecological operations. Polski tygod. lek. 11 no.7:289-294 13 Feb 56.

1. Inst. Matki i Dziecka w Warsz. dyrektor prof. dr. F. Groer;
kier. Kliniki Poloznictwa i Chorob Kobiety; doc. dr. Jan
Lesinski Warszawa, Inst. Matki i Dziecka, ul. Madalinskiego 25.
(HIBERNATION, artificial,
in gyn. surg. (Pol))
(GYNECOLOGICAL DISEASES, surgery,
artif. hibernation in. (Pol))

LESIŃSKI, Jan.

Hypnosis and suggestion in obstetrics and gynecological diseases.
Gin. polska 27 no.1:41-51 1956.

1. Z Kliniki Położnictwa i Chorob Kobiectych Instytutu Matki i
Dziecka w Warszawie. Dyrektor Instytutu: prof. dr P. Groer.
Kierownik Kliniki: doc. dr J.Lesiński. Instytut Matki i Dziecka,
Klinika Położnictwa i Chorob Kobiectych. Warszawa, Madalińskiego 25.

(OBSTETRICS,

hypnosis & suggestion in (Pol))

(GYNECOLOGICAL DISEASES, therapy,

hypnosis & suggestion in (Pol))

(HYPNOSIS,

in gyn. & obst. (Pol))

(SUGGESTION,

in gyn. & obst. (Pol))

EXCERPTA MEDICA Sec 10 Vol. 9/11 Obstetrics Nov 56

1985. LESINSKI J. Forschungsinst. für Mutter und Kind, Warszawa. •Frühdiagnose der drohenden Intrauterinen Fetalanoxie mittels Amnionansteckung. Early diagnosis of a threatening foetal anoxia by puncture of the amnion. ZBL. GYNÄK. 1956, 78/7 (265-267)
Foetal anoxia which can occur in Rh antagonism, in diabetes, in toxæmia and in prolonged pregnancies, is demonstrated by meconium stained amniotic fluid. By puncture of the amnion - preferably via the abdomen - it is possible to take measures in time (caesarean section) to save the child. The author performed 37 punctures in 23 women. In all the cases, in which section was performed after it was proved that the amniotic fluid contained meconium, a living child was born.
Tonkes - Middelburg

LESINSKI, Jan

Investigations on the use of adenosinetriphosphoric acid in obstetrics. Polski tygod. lek. 12 no.2:106-108 14 Jan 57.

1. (Z Kliniki Poloznictwa i Chorob Kobięcych Instytutu Matki i Dziecka w Warszawie; kierownik kliniki: doc. dr. Jan Lesinski).

Adres: Warszawa, Instytut Matki ul. Madalinskiego.

(ADENYLPYROPHOSPHATE, ther. use
adenylpyrophosphoric acid in obst. (Pol))

CHOJECKA, Barbara; KURZEPA, Stanislaw; LESINSKI, Jan

Oxytocic properties of blood serum of parturients and newborn infants.
Polski tygod. lek. 13 no.48:1937-1938 1 Dec 58.

1. (Z Działu Matki; kierownik: prof. dr Jan Lesinski; i z Zakładu Farmakologii Instytutu Matki i Dziecka; dyrektor; prof. dr Franciszek Groer). Adres: Warszawa, ul. Madalińskiego 25. Inst. Matki i Dziecka
Klin. Polozn.

(LABOR, blood in
oxytocic properties (Pol))
(INFANT, NEWBORN, blood in
same)

CIESIAK, J.; KURZEPA, Stanislaw; LESINSKI, Jan; PODLEWSKA, Alicja,

Effect of several uronic & onic acids & their lactones on uterus
in vitro. Polski tygod. lek. 14 no.12:513-515 23 Mar 59.

1. Z Zakladu Farmakologii, p.o. kier.: mgr St. Kurzepa oraz Dzialu
Matki kier.: prof. dr Jan Lesinski, Instytutu Matki i Dziecka w Warszawie;
dyrektor: prof. dr Fr. Groer. Adres: Warszawa, ul. Madalinskiego 25,
Inst. Matki i Dziecka.

(GLUCONATES, eff.

gluconic acid & gluconic acid lactones on uterus in vitro
(Pol))

(URONIC ACIDS, eff.

galacturonic acid & galacturonic acid lactones on uterus in
vitro (Pol))

(GLUCURONATES, eff.

glucuronic acid & glucuronic acid lactones on uterus in vitro
(Pol))

(UTERUS, eff. of drugs on

galacturonic, gluconic & glucuronic acids & their lactones
on uterus in vitro (Pol))

LESINSKI, Jan; WISLOCKA, Michalina

Methodological and technical principles for the evaluation of
chemical contraceptives with local action. Polski tygod. lek.
15 no.41:1560-1566 10 0 '60.

1. Z Kliniki Położnictwa i Chorob Kobietych; kierownik: prof.dr
Jan Lesinski i z Instytutu Matki i Dziecka w Warszawie; prof.dr
med. Franciszek Groer.

(CONTRACEPTIVES pharmacol)

LESINSKI, Jan; IACKI, Mikolaj

Analysis of abortions in Poland with special reference to methods for their control. Polski tygod.lek. 16 no.3:99-102 16 Ja '61.

1. Z Kliniki Poloznictwa i Chorob Kobietych; kierownik: prof.dr med. Jan Lesinski, Instytutu Matki i Dziecka w Warszawie; dyrektor: prof. dr med. Franciszek Groer.
(ABORTION statist)

CHOJECKA, Barbara; GOLISZEK, Janina; KURZEPA, Stanislaw; LESINSKI, Jan;
SAMOJLIK, Eugeniusz

Studies on the level of urinary 5-hydroxyindolacetic acid in women with
and without previous psychoprophylactic preparation in labor. Polski
tygod. lek. 16 no.11:383-385 13 Mr '61.

1. Z Kliniki Ginekologiczno-Polozniczej; kierownik: prof. dr J. Lesinski
i Zakladu Farmakologii; p.o. kierownik: dr St. Kurzepa, Instytutu Matki
i Dziecka; dyrektor: prof. dr F. Groer.

(INDOLACETIC ACID urine) (LABOR urine)

LESINSKI, Jan; TRZEBSKI, Andrzej

Effect of calcium and magnesium salts of glutamic acid on the increased sensitivity to oxytocin of the excised uterus. Gyn. polska 32 no.4:463-467 '61.

1. Z Pracowni Fizjopatologii Narządu Rodnego Instytutu Matki i Dziecka w Warszawie Dyrektor Instytutu: prof. dr F. Groer Kierownik Działu Matki: prof. dr J. Lesinski

(UTERUS pharmacol)
(OXYTOCIN pharmacol)
(GLUTAMATES pharmacol)

SUMMARY

CEJNIECKA, B. Dr., GOLISZEK, J. Dr., KURZEPA, S. Dr., LESINSKI, J. Dr., SAMOJLIK, E. Dr.; Obstetrical and Gynecological Clinic and Department for Pharmacological Research; Institute for Maternity and Infant Care (Iszleaszeti es Nonyozaszati Klinika es Gyogyszerkutatasi Osztaly; Anya es Csaszamavedo Intezet), Warsaw.

"5-Hydroxy-Indole-Acetic Acid Excretion of Maternity Patients Unprepared and Prepared by Psychoprophylactic Methods."

Budapest, Orvosi Hetilap, Vol 103, No 46, 18 Nov 62, pages 2175-2177.

Abstract: [Authors' summary] Psychoprophylactic preparation, by its effect on the central nervous system, resulted in a change in serotonin metabolism. It seemed that the excretion of 5-HIA was proportional to the success of the psychoprophylactic preparation. Post partum, there was no significant difference between the 5-HIA values of the prepared and control patients. Determination of 5-HIA excretion can be used for the evaluation of success of the psychoprophylactic preparation.

[This paper is published, as part of an exchange program, from the Polski Tygodnik Lekarski.]

[2 of the references are Western, 2 Soviet-bloc]

1/1

LESINSKI, Jan

Scientific activity of January Zubrzycki. Ginek. pol. 34 no.1:
11-14 '63. (OBSTETRICS) (GYNECOLOGY)

LESINSKI, Jan

The problem of mother and child protection in the light of
progenesis. Ginek. pol. 34 no. 1:49-64 '63.

1. Z Kliniki Położnictwa i Chorob Kobietych Instytutu Matki i
Dziecka w Warszawie Dyrektor Instytutu: prof. dr med. B.
Gornicki Kierownik Kliniki: prof. dr med. J. Lesinski.
(PRENATAL INFLUENCES) (GENETICS HUMAN)

LESINSKI, Jan; TELKO, Miroslaw

Prevention and therapy of disorders of labor function in the light of pathophysiology of the contractile function of the uterus. Ginek. pol. 34 no.1:81-103 '63.

1. Z Kliniki Poloznictwa i Chorob Kobietych Instytutu Matki i Dziecka w Warszawie Dyrektor Instytutu: prof. dr med. B. Gornicki Kierownik Kliniki: prof. dr med. J. Lesinski.
(LABOR COMPLICATIONS) (UTERUS)

STOEGER, Witold[deceased]; LESINSKI, Jan .

The value of the examination with the aid of endoscopes in obstetrics. Ginek. pol. 34 no.1-141-147 '63.

1. Z Kliniki Położnictwa i Chorob Kobietych Instytutu Matki i Dziecka w Warszawie Dyrektor Instytutu: prof. dr med. F. Groer Kierownik Kliniki: prof. dr med. J. Lesinski.
(COLPOSCOPY) (PTOCTOCOPY) (OBSTETRICS)

LESINSKI, J.

January Zubrzycki. Ginek. pol. 34 no.1:1-10 '63.

(BIOGRAPHIES) (OBSTETRICS) (GYNECOLOGY)

LESINSKI, Jan; JAJSZCZAK, Stanislaw; WNUK, Jozef

Effect of staphylococcal toxins on the development of fetuses
of experimental animals. Ginek. pol. 34 no.1:65-79 '63.

1. Z Kliniki Poloznictwa i Chorob Kobietych Instytutu Matki
i Dziecka w Warszawie Kierownik Kliniki: prof. dr med. J.
Lesinski Dyrektor Instytutu: prof. dr med. B. Gornicki Z
Wytworni Surowic i Szczepionek Dyrektor: dr S. Brzezinski.
(TOXINS AND ANTITOXINS) (STAPHYLOCOCCUS)
(FETUS) (PREGNANCY, ANIMAL)

LESINSKI, Jan

Control of mortality in diseases complicating pregnancy, labor and puerperium in the past 20 years from 1945 to 1965 in Poland -- accomplishments and future prospects. Ginek. Pol. 34 no. 3: 325-328 Mar '65.

1. Z Kliniki Położnictwa i Chorob Kobięcych Instytutu Matki i Dziecka w Warszawie (Kierownik: prof. dr. med. J. Lesiński) i z Instytutu Matki i Dziecka w Warszawie (Dyrektor: prof. dr. med. B. Gornicki).

GRABOWIECKA, Leokadia; LESINSKI, Jan

An attempt to analyze out-patient gynecological care in 1965
with special reference to the prenatal care coefficient. *Praca*.
Pol. 36 no.3:329-336 Mr '65.

1. Z Kliniki Położnictwa i Chorób Kobietych Instytutu Matki i
Dziecka w Warszawie (Kierownik: prof. dr. med. J. Lesiński).

LESINSKI, Jan; GRABOWIECKA, Leokadia; BIELECKI, Antoni

Guidelines for the organization of gynecologic cancer control.
Ginek. Pol. 36 no.5:583-587 My '65.

1. Z Kliniki Położnictwa i Chorob Kobiety w Warszawie (Kierownik:
prof. dr. med. J. Lesinski) i z Instytutu Matki i Dziecka w Warsza-
wie (Dyrektor: prof. dr. med. B. Gornicki).

LESINSKI, Jan; LIEBHART, Stanislaw

Social aspects of obstetrics and gynecology. Ginek. Pol. 36
no.9:1059-1064 S '65.

1. Z Kliniki Poloznictwa i Chorob Kobietych Instytutu Matki
i Dziecka w Warszawie (Kierownik: prof. dr. med. J. Lesinski)
i z I Kliniki Poloznictwa i Chorob Kobietych AM w Lublinie
(Kierownik: prof. dr. med. St. Liebhart).

LESJAK, Janez

New scale of atomic masses $^{12}\text{C} = 12$. Obz mat fiz 10, no.1:
44-46 Ap '63.

LESINSKI, J.

Treatment of cutaneous tuberculosis with isonicotinic acid hydrazide.
Polski tygod. lek. 7 no. 38:1178-1180 22 Sept 1952. (CLMI 23:5)

1. Preliminary report. 2. Of the Dermatological Clinic (Head--Prof.
H. Miersecki, M.D.) of Wroclaw Medical Academy.

LESINSKI, J.

Changes in the cerebrospinal fluid in seroresistant syphilis. Przegl. derm., Warsz. 3 no.1:65-78 Jan-Mar 1953. (CML 24:5)

1. Of the Dermatological Clinic (Head--Prof. H. Mierzecki, M.D.) of Wrocław Medical Academy.

KOWARZYKOWA, Zofia; LESINSKI, Janusz.

Coronary syphilis. Kardiol.polska 1 no.1-2:35-44 1954.

1. Z II Kliniki Chorob Wewnętrznych we Wrocławiu. Kierownik:
prof. dr A. Falkiewicz, oraz z Kliniki Dermatologicznej we
Wrocławiu, Kierownik: prof. dr H. Mierzecki.
(SYPHILIS, CARDIOVASCULAR,
coronary)

LESI NSKI, Janusz

~~Vascular system in seroresistant syphilis.~~ Arch.immun.ter.dosw.
2:151-159 1954.

1. Klinika Dermatologiczna Akademii Medycznej we Wroclawiu
(Dyrektor: prof. dr H. Mierzecki) Ośrodek Kardiologiczny II i
III Kliniki Wewnętrznej we Wroclawiu (Kierownik: doc.dr Z.
Kowarzykova)

(SYPHILIS, CARDIOVASCULAR,
seroresist.)

LESINSKI, Janusz; MANIKOWSKA, Wanda

Results of the treatment of latent neurosyphilis. Arch. Immun
tor, dosw. 2:161-168 1954.

1. Klinika Dermatologiczna Akademii Medycznej we Wroclawiu.
(Dyrektor: prof.dr H. Mierzecki) Centralna Wojewodska Prsy-
chodnia Skorno-Weneryczna (Dyrektor: dr W. Manikowska)

(NEUROSYPHILIS, therapy
penicillin, in latent cases)
(PENICILLIN, therapeutic use,
neurosyphilis, latent)

LESINSKI, Janusz

Considerations on pathology and therapy of asymptomatic neurosyphilis.
Postepy hig. med. dosw. 8 no.3:369-410 1954.

1. Klinika Dermatologiczna AM. Bialystok, ul. Manifestu Lipcowego 3.
(NEUROSYPHILIS, diagnosis,
asymptomatic forms, soc. aspects)

HOFFMAN, Bogdan; LESINSKI, Janusz

Studies on modification of Nelson's test. Polski tygod. lek.
11 no.17:754-756 23 Apr 56.

1. Z Kliniki Derm. AM w Bialymstoku; kier. doc. dr.
Janusz Lesinski, Klinika Derm. AM Bialystok ul. Manifestu
Lipcowego 3.

(SYPHILIS, diagnosis,

Treponema immobilization test, modification (Pol))